

- LEGEND:
- - - - - DITCH/CHANNEL/CREEK
 - - - - - EXTENT OF SATURATED SOIL
 - - - - - ROAD
 - 6000— CONTOURS
 - Tt-5● INCLINOMETER LOCATION

1
2 2 SEEP NO. 7 PLAN

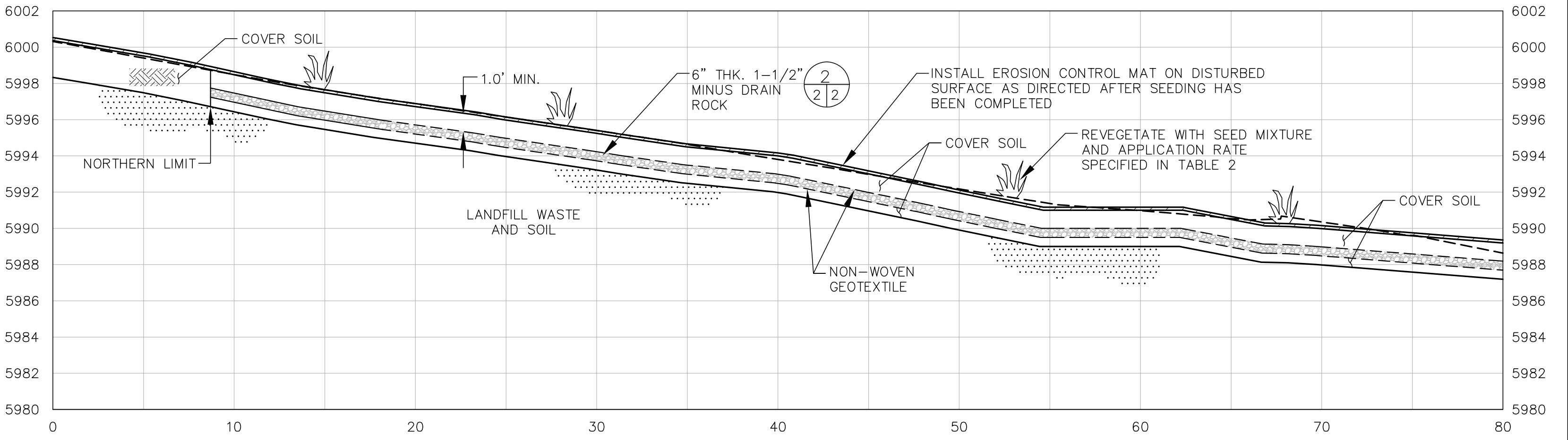


TABLE 1

POINT ID	NORTHING	EASTING
A	747769.53	2081511.74
B	747808.43	2081578.39
C	747763.33	2081604.71
D	747755.97	2081592.37
E	747744.17	2081526.54

TABLE 2

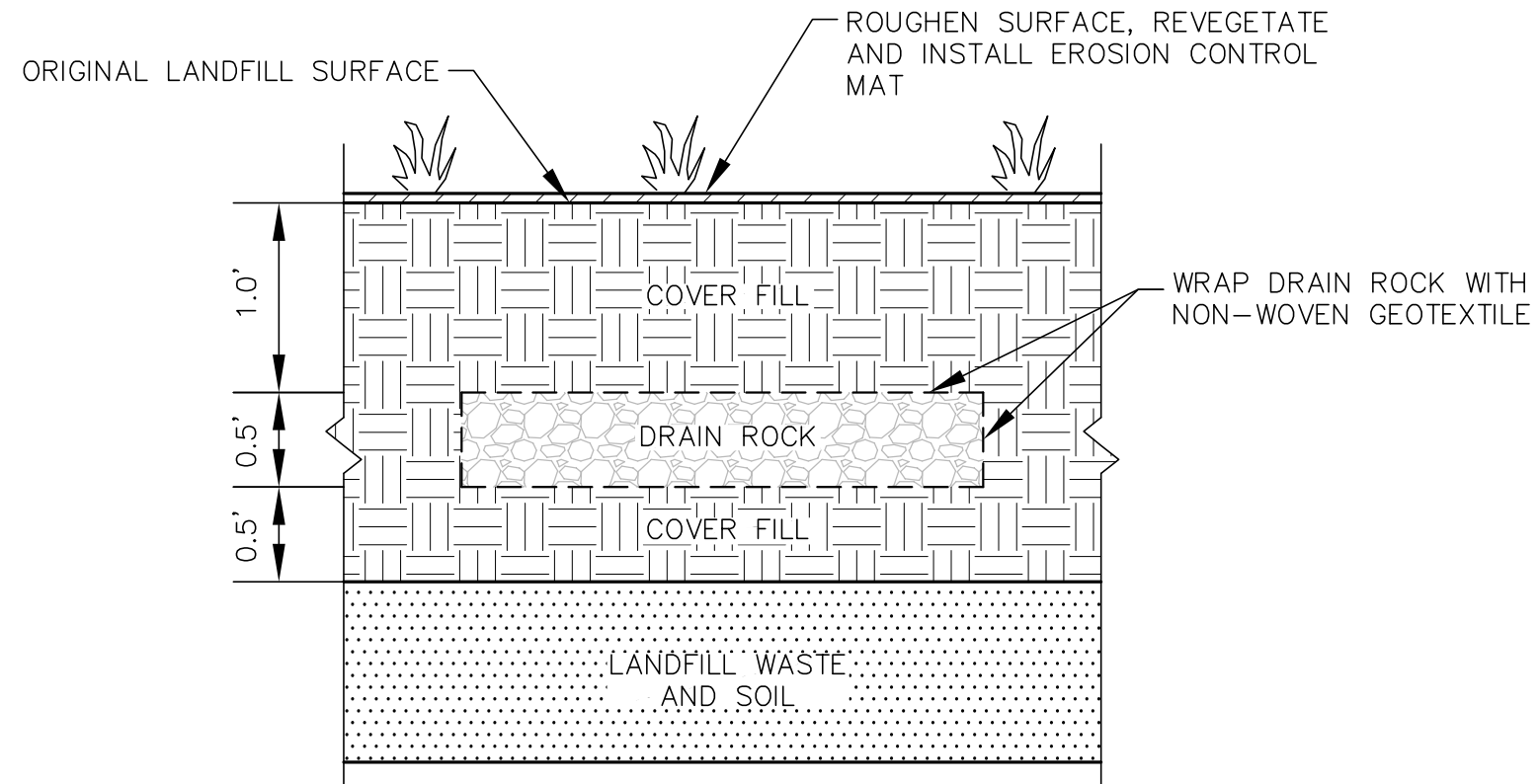
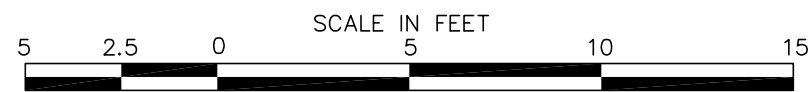
SPECIES	COMMON NAME	LBS./ACRE (PLS)
GRAMINOLDS		
AGROPYRON DASYSTACHYUM	THICKSPIKE WHEATGRASS	0.73
AGROPYRON SMITHII	WESTERN WHEATGRASS	4.17
AGROPYRON TRACHYCAULUM	SLENDER WHEATGRASS	2.72
BOUTELOUA CURTIPENDULA	SIDE-OATS GRAMA	1.49
BOUTELOUA GRACILIS	BLUE GRAMA	0.74
BUCHLOE DACTYLOIDES	BUFALO GRASS	4.84
STIPA VIRIDULA	GREEN NEEDLE GRASS	1.21
TOTAL		15.90

- THIS POUNDS PER ACRE ASSUMES DRILL-SEEDING IS USED. IF THE SEED IS TO BE BROADCAST, THE APPLICATION RATES ARE TO BE DOUBLED.
- PLS - PURE LIVE SEED. BE SURE TO SPECIFY TO THE SEED DEALER WHEN ORDERING.
- THE SEED IS TO BE CERTIFIED WEED FREE.

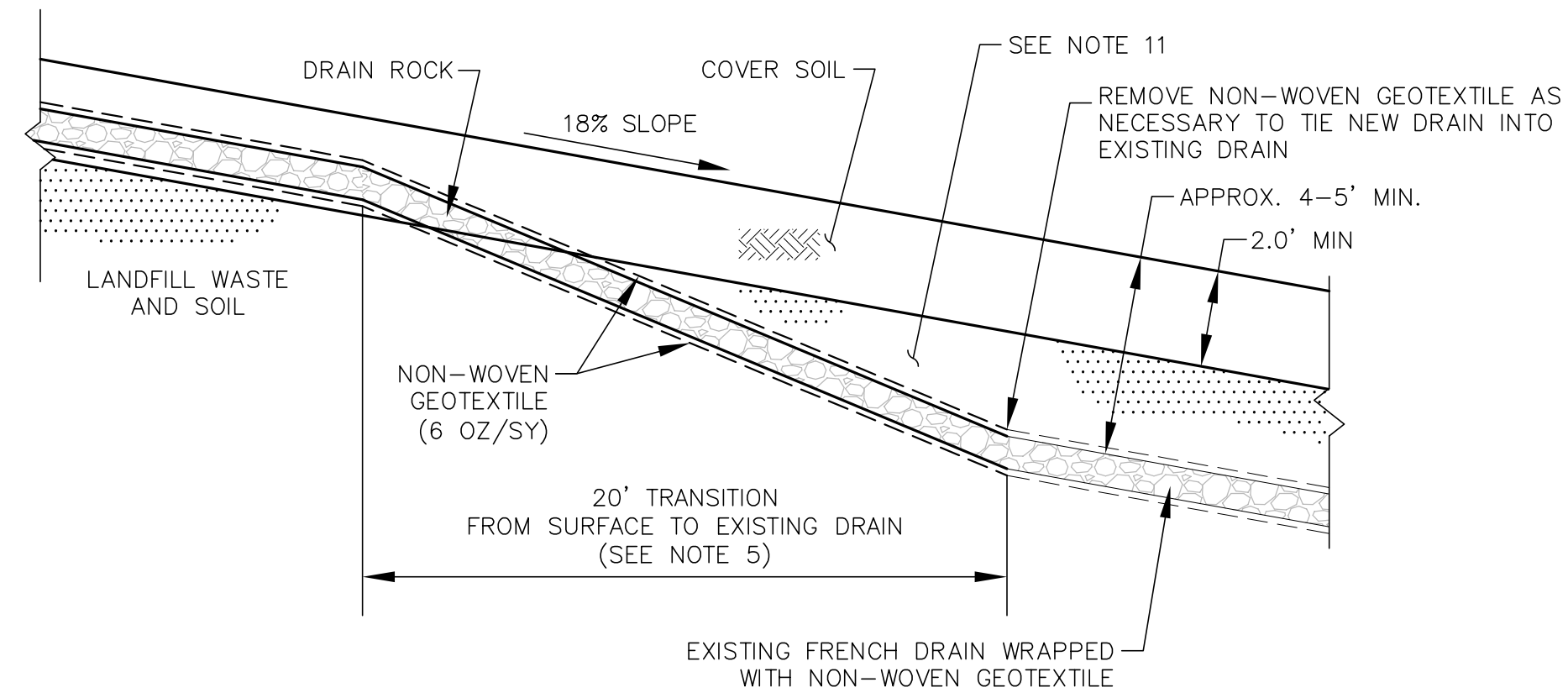
NOTES:

- GEOTEXTILE FOR USE IN THE DRAIN EXTENSION SHALL BE A NON-WOVEN POLYESTER OR POLYPROPYLENE MATERIAL HAVING A MINIMUM WEIGHT OF SIX OUNCES PER SQUARE YARD. (MIRAFI® 160N OR APPROVED EQUAL).
- DRAIN ROCK (EST. 63 CY) SHALL BE A POORLY-SORTED CLEAN GRAVEL, HAVING A MAXIMUM PARTICLE SIZE OF 1 1/2" AND NOT MORE THAN FIVE PERCENT, BY WEIGHT, OF THE MATERIAL PASSING THE NO. 40 SIEVE.
- DO NOT DISTURB INCLINOMETERS. MAINTAIN 2 FT. BUFFER AWAY FROM INCLINOMETER CASING.
- ROUGHEN SURFACE PRIOR TO SEED APPLICATION. AFTER SEEDING, INSTALL EROSION CONTROL MAT PER MANUFACTURER'S SPECIFICATIONS.
- FOLLOW CONTRACTOR HEALTH AND SAFETY PROCEDURES WHEN EXCAVATING INTO LANDFILL WASTE.
- EROSION CONTROL MAT SHALL BE A GREENFIX AMERICA CF072B OR NORTH AMERICAN GREEN C125BN. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- NO COMPACTION IS REQUIRED FOR COVER SOIL. MATERIAL PLACED WITH MINIMAL PASSES OF EQUIPMENT USED FOR BACKFILLING.
- FOR DRAIN TRANSITION TO EXISTING FRENCH DRAIN, BACKFILL LANDFILL WASTE IN MAX. 12-INCH LIFTS AND COMPACT AROUND THE DRAIN WITH A JUMPING JACK OR APPROVED EQUIVALENT.
- OVERLAP EDGED OF NON-WOVEN GEOTEXTILE A MINIMUM OF TWO FEET OR SEW SEAMS TOGETHER WITH MANUFACTURER APPROVED METHOD TO COMPLETELY WRAP DRAIN ROCK.
- THE SLOPE BETWEEN POINT D AND E SHALL BE A MINIMUM 2.0% TO PREVENT PONDING WITHIN THE DRAIN ROCK.
- SUBCONTRACTOR TO NOTIFY CONTRACTOR PRIOR TO EXCAVATING INTO POTENTIAL LANDFILL WASTE IN ORDER FOR CONTRACTOR TO MONITOR EXCAVATIONS.

A
2 2 SECTION



2
2 2 SEEP NO. 7 DRAIN-DETAIL
NOT TO SCALE



3
2 2 SEEP NO. 7 TIE-IN DETAIL
NOT TO SCALE

REVISION NO.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT A/E	APPROVAL
U.S. DEPARTMENT OF ENERGY GRAND JUNCTION, COLORADO						
PROJECT LOCATION ROCKY FLATS SITE GOLDEN, COLORADO			Work Performed by S.M. Stoller Corporation Under DOE Contract No. DE-AM01-07LM00060 ORIGINAL LANDFILL SEEP NO. 7 DRAIN EXTENSION			
REFERENCE TETRA TECH			SEEP #7 - PLAN AND SECTION			
APPROVALS DRAWN BY: T. BOEHLER ENGINEER: J. KIENHOLZ PROJECT ENGINEER: Jim Kienholz APPROVED BY: D. NORDEEN PROJECT MANAGER: L. KAISER DOE CONCURRENCE (SEE RECORD)			DATE: 07/30/08 07/30/08 08/12/08 08/12/08 08/12/08 08/12/08			
PROJECT NO. LTS-111-0056-07-001B DRAWING NO. S03200-R00-C01-D+			SHT. 3 OF 3			